

# DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## INTENSITY MODULATED FIBER OPTIC TEMPERATURE SWITCHING IMMERSION PROBE

Case No. P02,0162, the specification of which

(check one) ☒ is attached hereto.  
was filed on March 28, 2002, as  
Application Serial No. 10/108,593  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information which is known to me to be material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, 1.56.<sup>1</sup>

I do not know and do not believe this invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and I believe that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as identified below:

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below

Prior Foreign Application(s)		
Number	Country	Date

and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the above listed application on which priority is claimed:

Prior Foreign Application(s)		
Number	Country	Date

If no priority is claimed, I have identified all foreign patent applications filed prior to this application:

<sup>1</sup> (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a *prima facie* case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A *prima facie* case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

Prior Foreign Application(s)  
Number Country

Date

And I hereby appoint all Attorneys Identified by United States Patent & Trademark Office Customer Number 26574, who are all members of the firm of Schiff Hardin and Waite.

Telephone 312/-258-5500 Patent Department

my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and direct that all correspondence be forwarded to:

Schiff, Hardin & Waite  
Atten: Patent Department  
6600 Sears Tower, Chicago, Illinois 60606 -6473  
Customer Number 26574

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor, NAHAR SINGH

Inventor's signature [Signature] Date 31.05.2002  
Residence Chandigarh 160 020, India  
Citizenship Indian  
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Full name of second joint inventor SUBHASH CHANDER JAIN

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Chandigarh 160 020, India

Full name of third joint inventor,  
(if any) ANIL KUMAR AGGARWAL

Inventor's signature [Signature] Date 31.05.02  
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Citizenship Indian  
Post Office Address Central Scientific Instrument Organization, Sector 30-C  
Chandigarh 160 020, India

## ASSIGNMENT

FOR a valuable consideration, the undersigned,

**Nahar Singh**, Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020  
INDIA

**Subhash Chander Jain**, Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160  
020, INDIA

**Anil Kumar Aggarwal**, Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160  
020, INDIA

hereby sell, assign and transfer unto **Council of Scientific and Industrial Research**, Rafi Marg, New Delhi 110 001, India, an Indian corporation, the whole right, title and interest in and to a certain invention or improvement in

### "INTENSITY MODULATED FIBER OPTIC TEMPERATURE SWITCHING IMMERSION PROBE"

disclosed in an application for Letters Patent of the United States, prepared by the Patent Department of the Firm Schiff Hardin & Waite of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. P02,0162 and in our own records as Case No. 0814 NF 457/01 JS, and in the records of the U.S. Patent and Trademark Office as application Serial No. 10/108,593, filed March 28, 2002, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said **Council of Scientific and Industrial Research**, Rafi Marg, New Delhi 110 001, India.

For the same consideration, I hereby agree that I will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

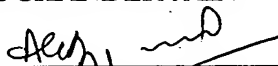
DATE: 31.05.2002

  
NAHAR SINGH


DATE: 31.05.2002

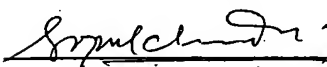
  
SUBHASH CHANDER JAIN

DATE: 31.05.2002

  
ANIL KUMAR AGGARWAL

WITNESSES

  
D.P. CHHACHHIA (C.S.I.O Chandigarh)

  
(G.C. PODDAR)